

**ABSTRACT**

Polyurethane films containing certain silver-based antimicrobial formulations therein are provided. Such formulations comprise antimicrobial compounds, such as, preferably silver-containing ion-exchange resins, such as zirconium phosphate, glass, or zeolite compounds. The inventive films exhibit excellent antimicrobial qualities as well as surprisingly good color characteristics. As a result, antimicrobial films are provided which may be transparent or easily colored without the production of undesirable browning and/or yellowing within the target film.